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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED AUGUST, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1983 ISSUE NO.8

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

CRS

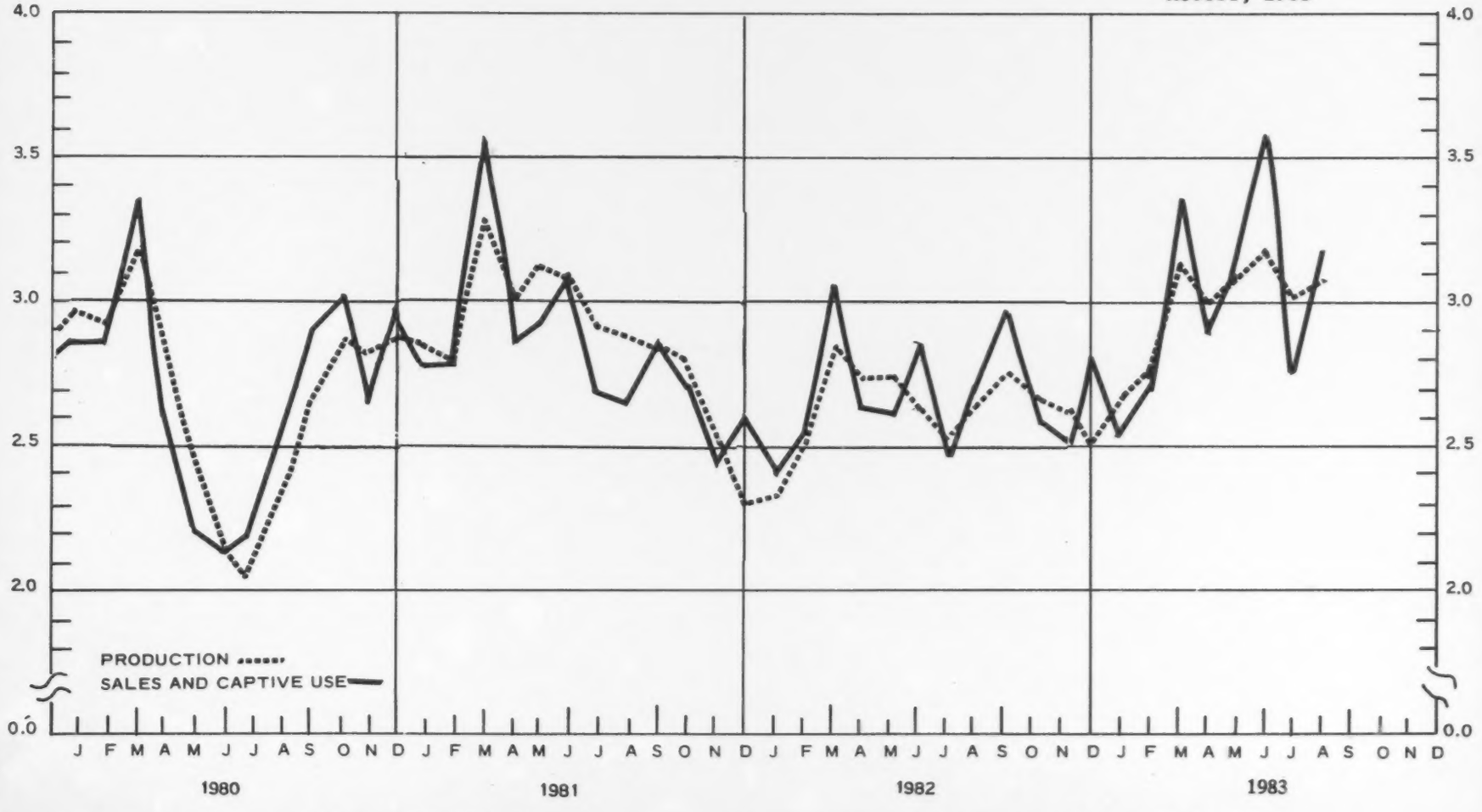
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

AUGUST, 1983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PRODUCTION
SALES AND CAPTIVE USE
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1980
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

AUGUST 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	32,657	25,206	+29.6	218,136	213,365	+2.2	22,338	26,544	-15.8	219,153	196,710	+11.4
POLYESTER *(UNSATURATED)* RESINS, TOTAL	95,768	72,381	+32.3	698,704R	586,756	+19.1	97,154	73,929	+31.4	709,394R	595,089	+19.2
UREA RESINS, TOTAL	97,734	80,382	+21.6	770,511	641,286	+20.2	97,411	81,229	+19.9	773,797	656,519	+17.9
MELAMINE RESINS, TOTAL	17,514	13,258	+32.1	119,450	104,227	+14.6	16,461	12,437	+32.4	120,107	105,941	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,369	179,743	+24.8	1,644,359R	1,341,370	+22.6	223,014	173,237	+28.7	1,611,531R	1,300,750	+23.9
THERMOSETTING RESINS, TOTAL	468,042	370,970	+26.2	3,451,160R	2,887,004	+19.5	456,378	367,376	+24.2	3,433,982R	2,855,009	+20.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	659,328	656,696	+0.4	5,145,961R	4,974,626	+3.4	653,803	632,704	+3.3	5,284,573	4,935,610	+7.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	497,883	423,481	+17.6	3,698,318R	3,238,091	+14.2	472,401	392,324	+20.4	3,706,467	3,258,032	+13.8
POLYPROPYLENE, TOTAL	381,007	313,181	+21.7	2,847,091	2,420,530	+17.6	350,726	278,468	+25.9	2,843,617	2,300,162	+23.6
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,301	6,459	+28.5	60,279	56,263	+7.1	8,519	7,213	+18.1	63,715	66,413	-4.1
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	117,701	78,143	+50.6	792,897R	593,355	+33.6	94,337	88,149	+7.0	748,097R	602,116	+24.2
POLYSTYRENE, TOTAL	330,555	281,157	+17.6	2,369,065R	2,136,177	+10.9	288,108	280,126	+2.8	2,281,153R	2,123,300	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	65,599	45,634	+43.8	448,583R	331,526	+35.3	62,816	47,512	+32.2	458,425R	333,904	+37.3
NYLON RESINS, TOTAL	28,407	20,933	+35.7	206,804	172,613	+19.8	27,979	21,465	+30.3	197,148	161,548	+22.0
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	471,694	431,745	+9.3	4,166,645R	3,646,630	+14.3	511,824	448,464	+14.1	4,115,550R	3,562,703	+15.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,040	50,348	+23.2	460,318R	382,980	+20.2	62,040	50,348	+23.2	460,318	382,980	+20.2
POLYVINYL ALCOHOL, TOTAL #	11,970	D		90,463	D		10,241	D		84,621	D	
OTHER VINYL RESINS, TOTAL	15,387	13,452	+14.4	112,922	115,524	-2.3	16,666	14,536	+14.7	119,756R	122,822	-2.5
THERMOPLASTIC POLYESTER, TOTAL	68,428	46,260	+47.9	496,036	415,055	+19.5	65,675	51,120	+28.5	494,983	441,858	+12.0
THERMOPLASTIC RESINS, TOTAL	2,718,300	2,367,489	+14.8	20,895,382R	18,483,370	+13.0	2,625,135	2,312,429	+13.5	20,858,423R	18,291,448	+14.0
GRAND TOTAL	3,186,342	2,738,459	+16.4	24,346,542R	21,370,374	+13.9	3,081,513	2,679,805	+15.0	24,292,405R	21,146,457	+14.9

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision
(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes.

= Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

AUGUST 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	14,813	11,433	+29.6	98,946	96,782	+2.2	10,132	12,040	-15.8	99,407	89,227	+11.4
POLYESTER *(UNSATURATED)* RESINS, TOTAL	43,440	32,832	+32.3	316,930	266,151	+19.1	44,069	33,534	+31.4	321,779	269,931	+19.2
UREA RESINS, TOTAL	44,332	36,461	+21.6	349,501	290,885	+20.2	44,185	36,845	+19.9	350,992	297,795	+17.9
MELAMINE RESINS, TOTAL	7,944	6,013	+32.1	54,182	47,277	+14.6	7,467	5,642	+32.4	54,480	48,054	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	101,773	81,532	+24.8	745,876	608,441	+22.6	101,158	78,580	+28.7	730,986	590,016	+23.9
THERMOSETTING RESINS, TOTAL	212,302	168,271	+26.2	1,565,435	1,309,536	+19.5	207,011	166,641	+24.2	1,557,644	1,295,023	+20.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	299,069	297,875	+0.4	2,334,192	2,256,475	+3.4	296,563	286,993	+3.3	2,397,067	2,238,778	+7.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	225,838	192,090	+17.6	1,677,546	1,468,788	+14.2	214,280	177,957	+20.4	1,681,242	1,477,834	+13.8
POLYPROPYLENE, TOTAL	172,824	142,058	+21.7	1,291,432	1,097,945	+17.6	159,088	126,312	+25.9	1,289,856	1,043,347	+23.6
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,765	2,930	+28.5	27,342	25,521	+7.1	3,864	3,272	+18.1	28,901	30,125	-4.1
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	53,389	35,446	+50.6	359,656	269,144	+33.6	42,791	39,984	+7.0	339,335	273,118	+24.2
POLYSTYRENE, TOTAL	149,939	127,532	+17.6	1,074,601	968,963	+10.9	130,685	127,065	+2.8	1,034,724	963,122	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	29,755	20,699	+43.8	203,476	150,379	+35.3	28,493	21,551	+32.2	207,940	151,458	+37.3
NYLON RESINS, TOTAL	12,885	9,495	+35.7	93,806	78,297	+19.8	12,691	9,736	+30.3	89,426	73,278	+22.0
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	213,959	195,838	+9.3	1,889,978	1,654,102	+14.3	232,162	203,422	+14.1	1,866,802	1,616,031	+15.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	28,142	22,839	+23.2	208,799	173,719	+20.2	28,141	22,838	+23.2	208,799	173,719	+20.2
POLYVINYL ALCOHOL, TOTAL #	5,430	D		41,034	D		4,645	D		38,383	D	
OTHER VINYL RESINS, TOTAL	6,979	6,101	+14.4	51,221	52,401	-2.3	7,560	6,593	+14.7	54,321	55,712	-2.5
THERMOPLASTIC POLYESTER, TOTAL	31,039	20,983	+47.9	225,000	188,268	+19.5	29,790	23,188	+28.5	224,523	200,425	+12.0
THERMOPLASTIC RESINS, TOTAL	1,233,013	1,073,886	+14.8	9,478,083	8,384,002	+13.0	1,190,753	1,048,911	+13.5	9,461,319	8,296,947	+14.0
GRAND TOTAL	1,445,315	1,242,157	+16.4	11,043,518	9,693,538	+13.9	1,397,764	1,215,552	+15.0	11,018,963	9,591,970	+14.9

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	32,657	25,206	+29.6	218,136	213,365	+2.2	22,338	26,544	-15.8	219,153	196,710	+11.4
Total Exports	3,253	4,739	-31.4	22,972	28,586	-19.6						
Total Domestic	29,404	20,467	+43.7	195,164	184,779	+5.6						
Bonding & Adhesives	1,865	978	+90.7	11,481	10,866	+5.7						
Flooring, Paving & Exposed Aggregate	1,943	1,277	+52.2	12,110	12,571	-3.7						
Protective Coatings	12,038	9,650	+24.7	85,895	86,840	-1.1						
Fiber Reinforced Laminates & Composites, Total	7,409	4,736	+56.4	44,786	40,450	+10.7						
FRL & C for Printed Wiring Board	5,276	*		31,803	*							
All Other FRL & C	2,133	*		12,983	*							
Tooling, Casting & Molding Resins	2,941	1,663	+76.8	18,288	17,077	+7.1						
All Other Uses	3,208	2,163	+48.3	22,604	16,975	+33.2						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	95,768	72,381	+32.3	698,704R	586,756	+19.1	97,154	73,929	+31.4	709,394R	595,089	+19.2
Exports, Total	846	722	+17.2	6,953	6,059	+14.8						
Domestic, Total	94,922	71,659	+32.5	691,751R	580,697	+19.1						
General Purpose Resins, Total	85,278	63,166	+35.0	617,816R	511,024	+20.9						
General Purpose – Thixotropic	40,572	26,530	+52.9	289,294R	230,508	+25.5						
General Purpose – Press Molding	12,870	8,338	+54.4	87,424R	62,888	+39.0						
General Purpose – All Other	31,836	28,298	+12.5	241,098R	217,628	+10.8						
Flame Retardant Resins	1,634	1,543	+5.9	12,743R	13,475	-5.4						
Chemical Resistant Resins	8,010	6,950	+15.3	61,192R	56,198	+8.9						
Chemical Resistant Isophthalic Resins	4,931	4,993	-1.2	40,852R	38,573	+5.9						
All Other Chemical Resistant Resins	3,079	1,957	+57.3	20,340	17,625	+15.4						
Reinforced Plastics, Total	72,803	51,354	+41.8	535,318R	433,396	+23.5						
Non-Reinforced Plastics, Total	22,119	20,305	+8.9	156,433R	147,301	+6.2						

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* = Comparable 1982 data not available R = Revision

MONTHLY STATISTICAL
THE SOCIETY OF THE PLASTIC
(In thousands of pounds, d

THERMOSETTING RESINS

RESIN KIND & USE	SALES & CAPTIVE USE				
	AUGUST			YEAR-T	
	1983	1982	% CHANGE	1983	
UREA RESINS, TOTAL	97,734	80,382	+21.6	770,511R	
MELAMINE RESINS, TOTAL	17,514	13,258	+32.1	119,450	
UREA & MELAMINE RESINS, TOTAL	115,248	93,640	+23.1	889,961R	
Total Exports	1,504	1,264	+19.0	13,523	
Total Domestic	113,744	92,376	+23.1	876,438R	
Textile Treating & Coating Resins	D	D		D	
Paper Treating & Coating Resins	7,085	6,233	+13.7	47,578R	
Molding Compounds	6,056	4,044	+49.8	44,806	
Bonding & Adhesive Resins for:	85,803	69,456	+23.5	670,633	
Laminating	3,516	2,026	+73.5	26,556	
Plywood	5,327	5,159	+3.3	41,322	
Fibrous & Granulated Wood (Particle Board)	76,960	62,271	+23.6	602,755	
Protective Coatings *(Straight & Modified)*	7,906	5,825	+35.7	51,225R	
All Other Uses *(Includes Textile Treating & Coating Resins)*	6,894	6,818	+1.1	62,196	
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,369	179,743	+24.8	1,644,359R	1,
Total Exports	1,262	1,188	+6.2	11,523	
Total Domestic	223,107	178,555	+25.0	1,632,836R	1,
Molding Compounds	21,488	16,532	+30.0	151,527	
Bonding & Adhesive Resins for:	198,440	158,845	+24.9	1,449,970	1,
Laminating	12,760	10,099	+26.3	108,425	
Coated & Bonded Abrasives	1,925	1,982	-2.9	17,523	
Friction Materials	3,184	2,477	+28.5	20,509	
Insulation Materials	33,922	31,693	+7.0	218,831	
Foundry & Shell Molding	5,206	4,796	+8.5	39,890	
Plywood	117,473	89,520	+31.2	865,424	
Fibrous & Granulated Wood	15,633	12,181	+28.3	125,014	
Resins Sold to Rubber Industry	2,645	1,636	+61.7	17,220	
All Other	5,692	4,461	+27.6	37,134	
Protective Coatings – Unmodified & Modified	1,281	1,470	-12.9	12,241R	
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	
All Other Uses #	1,898	1,708	+11.1	19,098	

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI

SECTION I

CRS

HONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

AUGUST 1983

SALES & CAPTIVE USE					PRODUCTION					
GUST		YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
80,382	+21.6	770,511R	641,286	+20.2	97,411	81,229	+19.9	773,797R	656,519	+17.9
13,258	+32.1	119,450	104,227	+14.6	16,461	12,437	+32.4	120,107	105,941	+13.4
93,640	+23.1	889,961R	745,513	+19.4	113,872	93,666	+21.6	893,904R	762,460	+17.2
1,264	+19.0	13,523	11,296	+19.7						
92,376	+23.1	876,438R	734,217	+19.4						
D		D	D		D	D		D	D	
6,233	+13.7	47,578R	44,699	+6.4	7,077	5,868	+20.6	57,121R	45,329	+26.0
4,044	+49.8	44,806	29,041	+54.3	5,697	3,603	+58.1	46,750	29,062	+60.9
69,456	+23.5	670,633	565,138	+18.7	86,399	69,841	+23.7	677,504	574,372	+18.0
2,026	+73.5	26,556	18,734	+41.8	3,588	2,083	+72.3	26,651	19,312	+38.0
5,159	+3.3	41,322	44,026	-6.1	5,123	5,074	+1.0	41,814	44,667	-6.4
62,271	+23.6	602,755	502,378	+20.0	77,688	62,684	+23.9	609,039	510,393	+19.3
5,825	+35.7	51,225R	43,125	+18.8	7,479	6,083	+22.9	58,055R	51,286	+13.2
6,818	+1.1	62,196	52,214	+19.1	7,220	8,271	-12.7	54,474	62,411	-12.7
179,743	+24.8	1,644,359R	1,341,370	+22.6	223,014	173,237	+28.7	1,611,531R	1,300,750	+23.9
1,188	+6.2	11,523	11,132	+3.5						
178,555	+25.0	1,632,836R	1,330,238	+22.7						
16,532	+30.0	151,527	125,227	+21.0	24,175	16,266	+48.6	171,562	129,804	+32.2
158,845	+24.9	1,449,970	1,178,115	+23.1	195,801	153,751	+27.3	1,408,563	1,142,483	+23.3
10,099	+26.3	108,425	85,942	+26.2	11,659	8,604	+35.5	91,646	74,484	+23.0
1,982	-2.9	17,523	17,840	-1.8	1,894	2,311	-18.0	17,140	17,218	-0.5
2,477	+28.5	20,509	18,257	+12.3	3,074	2,261	+36.0	20,074	18,282	+9.8
31,693	+7.0	218,831	217,520	+0.6	33,013	29,770	+10.9	207,353	205,626	+0.8
4,796	+8.5	39,890	38,964	+2.4	5,365	4,791	+12.0	40,845	39,906	+2.4
89,520	+31.2	865,424	654,140	+32.3	117,298	87,767	+33.6	852,033	641,503	+32.8
12,181	+28.3	125,014	95,774	+30.5	15,030	11,556	+30.1	121,933	91,307	+33.5
1,636	+61.7	17,220	14,688	+17.2	3,459	1,649	+109.8	19,374	15,280	+26.8
4,461	+27.6	37,134	34,990	+6.1	5,009	5,042	-0.7	38,165	38,877	-1.8
1,470	-12.9	12,241R	12,112	+1.1	1,069	1,543	-30.7	12,359R	12,941	-4.5
D		D	D		D	D		D	D	
1,708	+11.1	19,098	14,784	+29.2	1,969	1,677	+17.4	19,047	15,522	+22.7

R = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

& WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	659,328	656,696	+0.4	5,145,961R	4,974,626	+3.4	653,803	632,704	+3.3	5,284,573	4,935,610	+7.1
Exports, Total	62,046	109,015	-43.1	599,015R	786,151	-23.8						
Domestic, Total	597,282	547,681	+9.1	4,546,946R	4,188,475	+8.6						
Film *(12 Mils & Below)*	392,702	353,634	+11.0	2,972,593R	2,664,238	+11.6						
Sheet *(Over 12 Mils)*	D (3)	D (3)		D (3)	D (3)							
Injection Molding	52,505	46,294	+13.4	403,005R	321,828	+25.2						
Wire & Cable	20,741	22,903	-9.4	180,533R	190,900	-5.4						
Extrusion Coating	48,067	41,974	+14.5	370,392	355,654	+4.1						
Blow Molding	4,554	4,014	+13.5	28,257R	29,160	-3.1						
Pipe & Conduit, Total	D (1)	D (1)		D (1)	D (1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,975	3,986	+75.0	55,784R	29,770	+87.4						
All Other Uses	71,738	74,876	-4.2	536,382R	596,925	-10.1						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	497,883	423,481	+17.6	3,698,318R	3,238,091	+14.2	472,401	392,324	+20.4	3,706,467	3,258,032	+13.8
Exports, Total	91,914	61,478	+49.5	675,538R	409,349	+65.0						
Domestic, Total	405,969	362,003	+12.1	3,022,780R	2,828,742	+6.9						
Film *(12 Mils & Below)*	32,448	23,260	+39.5	232,078R	174,849	+32.7						
Sheet *(Over 12 Mils)*	6,529	6,079	+7.4	48,675	42,028	+15.8						
Injection Molding	97,986	83,707	+17.1	749,312R	723,012	+3.6						
Wire & Cable	9,885	9,255	+6.8	91,671R	76,566	+19.7						
Extrusion Coating	D (2)	D (2)		D (2)	D (2)							
Blow Molding	153,535	150,931	+1.7	1,152,015R	1,133,813	+1.6						
Pipe & Conduit, Total	47,247	37,656	+25.5	307,586R	256,900	+19.7						
Corrugated Pipe & Conduit	29,878	*		141,215	*							
Non-Corrugated Pipe & Conduit	17,369	*		166,371R	*							
Other Extruded Products	3,762	3,496	+7.6	25,475	27,117	-6.1						
All Other Uses	54,577	47,619	+14.6	415,968R	394,457	+5.5						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)* = Comparable 1982 data not available.

(1) = Included in All Other Uses.
(2) = Included in Other Extruded Products.
(3) = Included in Film.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	381,007	313,181	+21.7	2,847,091	2,420,530	+17.6	350,726	278,468	+25.9	2,843,617	2,300,162	+23.6
Exports, Total	67,099	51,970	+29.1	526,992	474,758	+11.0						
Domestic, Total	313,908	261,211	+20.2	2,320,099	1,945,772	+19.2						
Injection Molding	101,639	92,473	+9.9	779,241R	727,167	+7.2						
Appliances	8,506	6,459	+31.7	60,719R	48,360	+25.6						
Consumer Products	24,873	23,679	+5.0	198,632R	188,985	+5.1						
Rigid Packaging	27,110	26,107	+3.8	235,288R	189,514	+24.2						
Transportation	24,664	20,628	+19.6	171,333R	148,757	+15.2						
All Other Injection Molding	16,486	15,600	+5.7	113,269R	151,551	-25.3						
Blow Molding	9,511	6,126	+55.3	54,224	44,770	+21.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	31,659	27,853	+13.7	233,129R	195,975	+19.0						
Sheet *(Over 10 Mils)*	3,509	2,146	+63.5	18,567	12,847	+44.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fibers & Filaments	105,551	86,381	+22.2	764,127R	577,600	+32.3						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,170	8,942	-8.6	70,290	61,216	+14.8						
Resellers & Compounders	35,732	*		282,927R	*							
All Other Uses	18,137	37,290	n.c.	117,594R	326,197	n.c.						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

 # = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

* =Comparable 1982 data not available.

n.c. =Not comparable.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,301	6,459	+28.5	60,279	56,263	+7.1	8,519	7,213	+18.1	63,715	66,413	-4.1
Total Exports	1,245	340	+266.2	7,139	7,141	0.0						
Total Domestic	7,056	6,119	+15.3	53,140	49,122	+8.2						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	117,701	78,143	+50.6	792,897R	593,355	+33.6	94,337	88,149	+7.0	748,097R	602,116	+24.2
Export, Total	11,375	7,905	+43.9	80,865R	52,377	+54.4						
Domestic, Total	106,326	70,238	+51.4	712,032R	540,978	+31.6						
Molding & Extrusion	100,921	*		671,251R	*							
Coatings	5,405	*		40,781R	*							
POLYSTYRENE RESINS, TOTAL	330,555	281,157	+17.6	2,369,065R	2,136,177	+10.9	288,108	280,126	+2.8	2,281,153R	2,123,300	+7.4
Straight Polystyrene	171,138	144,148	+18.7	1,225,147R	1,099,148	+11.5	138,835	142,856	-2.8	1,177,488R	1,109,268	+6.1
Rubber-Modified Polystyrene	159,417	137,009	+16.4	1,143,918R	1,037,029	+10.3	149,273	137,270	+8.7	1,103,705R	1,014,032	+8.8
Exports, Total	6,062	9,132	-33.6	54,610	68,758	-20.6						
Straight Polystyrene	2,737	3,637	-24.7	27,209	35,774	-23.9						
Rubber-Modified Polystyrene	3,325	5,495	-39.5	27,401	32,984	-16.9						
Domestic, Total	324,493	272,025	+19.3	2,314,455R	2,067,419	+11.9						
Molding	149,386	118,162	+26.4	989,498R	910,967	+8.6						
Extrusion	110,319	92,233	+19.6	806,741R	716,394	+12.6						
Expandable Polystyrene Beads	35,824	39,619	-9.6	292,273	282,167	+3.6						
All Other Uses	28,964	22,011	+31.6	225,943R	157,891	+43.1						
Polystyrene End uses, Total **	324,493	272,025	+19.3	2,314,455R	2,067,419	+11.9						
Packaging	85,316	86,760	-1.7	582,605R	691,201	-15.7						
Disposables	44,911	*		317,649R	*							
Consumer and Institutional Products	58,014	60,294	-3.8	353,165R	430,618	-18.0						
Electrical/Electronics	23,792	23,114	+2.9	187,664R	185,545	+1.1						
Furniture, Furnishings, Building and Construction	14,093	16,601	-15.1	104,900	117,625	-10.8						
Expandable Polystyrene Beads	35,824	39,619	-9.6	292,273	282,167	+3.6						
All Other End Uses	62,543	45,637	+37.0	476,199R	360,263	+32.2						

D = Disclosure
R = Revisions
(3) = Includes ABS

** = *Portions of the End Use Section are Estimated.*
* = Comparable 1980 data not available.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	65,599	45,634	+43.8	448,583R	331,526	+35.3	62,816	47,512	+32.2	458,425R	333,904	+37.3
Paper Treating	2,374	2,396	-0.9	19,159R	16,481	+16.2						
Textile Treating	1,767	1,031	+71.4	12,217R	9,158	+33.4						
Carpet Backing	29,011	19,833	+46.3	191,726R	130,885	+46.5						
All Other Uses (Including Exports & Paper Coating)	32,447	22,374	+45.0	225,481R	175,002	+28.8						
NYLON RESINS, TOTAL	28,407	20,933	+35.7	206,804	172,613	+19.8	27,979	21,465	+30.3	197,148	161,548	+22.0
Total Exports	2,013	1,260	+59.8	14,921	12,393	+20.4						
Total Domestic	26,394	19,673	+34.2	191,883	160,220	+19.8						
Injection Molding Grade	16,915	11,131	+52.0	121,605	97,442	+24.8						
Extrusion Grade	7,561	6,475	+16.8	55,977	48,292	+15.9						
Resellers and Compounders	1,416	1,705	-17.0	10,493	10,968	-4.3						
All Other Uses	502	362	+38.7	3,808	3,518	+8.2						

*** - *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	471,694	431,745	+9.3	4,166,645R	3,646,630	+14.3	511,824	448,464	+14.1	4,115,550R	3,562,703	+15.5
Homopolymer Resins including Blending and Latex	418,526	377,529	+10.9	3,720,001R	3,219,495	+15.5	450,416	395,791	+13.8	3,691,039R	3,162,418	+16.7
Copolymer Resins including Blending and Latex	22,567	22,641	-0.3	185,707R	200,044	-7.2	24,141	22,635	+6.7	175,890R	182,952	-3.9
Dispersion Resins	30,601	31,575	-3.1	260,937	227,091	+14.9	37,267	30,038	+24.1	248,621	217,333	+14.4
Total Exports	41,350	44,068	-6.2	355,087	398,732	-10.9						
Total Domestic	430,344	387,677	+11.0	3,811,558R	3,247,898	+17.4						
Calendering, Total	56,238	52,279	+7.6	464,575R	391,971	+18.5						
Flooring	13,207	12,073	+9.4	104,146R	96,145	+8.3						
Textile	8,737	5,765	+51.6	68,088R	39,408	+72.8						
All Other Calendering Uses	34,294	34,441	-0.4	292,341R	256,418	+14.0						
Coating, Total	27,020	23,558	+14.7	235,958R	173,448	+36.0						
Flooring	9,613	8,445	+13.8	98,575	59,920	+64.5						
Textile & Paper Coating	9,930	8,224	+20.7	76,638R	59,081	+29.7						
Protective Coatings	4,016	2,739	+46.6	29,981	25,939	+15.6						
Adhesives & All Other Coating Uses	3,461	4,150	-16.6	30,764R	28,508	+7.9						
Extrusion, Total	264,961	246,067	+7.7	2,399,377R	2,101,747	+14.2						
Wire & Cable	26,994	26,844	+0.6	225,565R	213,571	+5.6						
Film & Sheet	22,439	20,082	+11.7	200,839R	204,660	-1.9						
Rigid Pipe & Tubing *(Except Fittings)*	166,059	159,572	+4.1	1,599,154R	1,367,184	+17.0						
All Other Extrusions	49,469	39,569	+25.0	373,819R	316,332	+18.2						
Molding, Total	32,089	27,530	+16.6	273,187R	227,902	+19.9						
Bottles	12,189	9,412	+29.5	97,921R	65,935	+48.5						
Sound Records	5,571	6,747	-17.4	53,357R	68,270	-21.8						
Fittings *(Rigid Pipe & Tubing)*	8,234	7,495	+9.9	70,130R	62,916	+11.5						
All Other Molding	6,095	3,876	+57.2	51,779R	30,781	+68.2						
Paste Processes *(Except Coating)*	11,459	14,706	-22.1	109,357	114,999	-4.9						
Plastisol Formulation	6,953	7,879	-11.8	63,662	54,602	+16.6						
All Other	4,506	6,827	-34.0	45,695	60,397	-24.3						
Resellers & Compounders	15,347	8,096	+89.6	134,392R	94,040	+42.9						
All Other Uses	23,230	15,441	+50.4	194,721R	143,791	+35.4						

R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,040	50,348	+23.2	460,318R	382,980	+20.2						
Total Exports	549	469	+17.1	4,477R	4,000	+11.9						
Total Domestic	61,491	49,879	+23.3	455,841R	378,980	+20.3						
Emulsion Paints	20,667	14,059	+47.0	145,833R	111,325	+31.0						
Adhesives, Caulks and Sealants	23,128	20,769	+11.4	180,675R	157,241	+14.9						
Paper Treating & Paper Coating	10,016	8,924	+12.2	75,841R	62,363	+21.6						
Textile Treating	1,441	1,575	-8.5	14,626	12,399	+18.0						
Non-Woven Binders	2,840	2,285	+24.3	20,817R	17,442	+19.3						
All Other Uses	3,399	2,267	+49.9	18,049R	18,210	-0.9						
POLYVINYL ALCOHOL, TOTAL #	11,970	D		90,463	D		10,241	D		84,621	D	
Total Exports	1,682	D		15,076	D							
Total Domestic	10,288	D		75,387	D							
OTHER VINYL RESINS*, TOTAL	15,387	13,452	+14.4	112,922	115,524	-2.3	16,666	14,536	+14.7	119,756R	122,822	-2.5
Total Exports	3,327	3,162	+5.2	24,980	25,322	-1.4						
Total Domestic	12,060	10,290	+17.2	87,942	90,202	-2.5						
THERMOPLASTIC POLYESTER, TOTAL	68,428	46,260	+47.9	496,036	415,055	+19.5	65,675	51,120	+28.5	494,983	441,858	+12.0
Total Exports	8,802	3,159	+178.6	58,580	29,928	+95.7						
Total Domestic	59,626	43,101	+38.3	437,456	385,127	+13.6						
PET Bottle Grades	43,315	33,655	+28.7	325,537	306,987	+6.0						
All Other Thermoplastic Polyester**	16,311	9,446	+72.7	111,919	78,140	+43.2						

*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.

** Includes All Other PET and All Injection Molding Grades.

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R = Revision
# = Includes imputed data

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED SEPTEMBER, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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RELEASE DATE: November 15, 1983

1983 Issue No.9

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

The figures published in this report are reflective of the relevant segment o
Committee on Resin Statistics, figures will not be published which tend to
figures withheld to avoid disclosure are identified by the letter "D" at the
a "D" if one company has more than 65% of that line, or if there are less t

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tive of the relevant segment of the industry. In accordance with SPI policy and regulations of the
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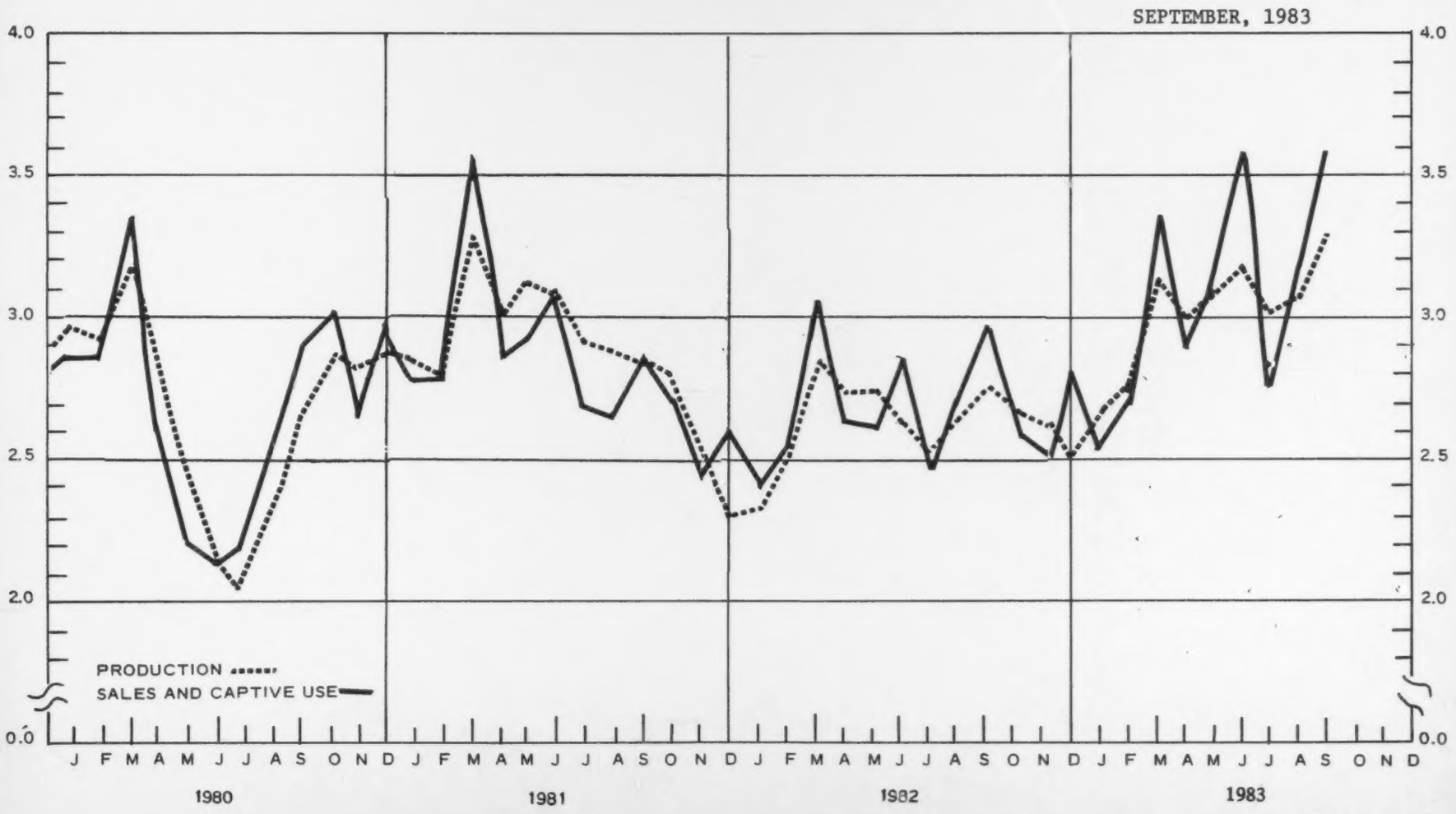
hat line, or if there are less than four companies reporting on that line.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)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PRODUCTION
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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

SEPTEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,289	22,934	+14.6	244,425	236,299	+3.4	28,452	25,439	+11.8	247,605	222,149	+11.5
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,510	72,357	+29.2	794,307R	659,113	+20.5	93,590	73,445	+27.4	805,077R	668,534	+20.4
UREA RESINS, TOTAL	102,656	84,538	+21.4	873,167	725,824	+20.3	104,270	85,897	+21.4	878,067	742,416	+18.3
MELAMINE RESINS, TOTAL	17,392	13,487	+29.0	136,842	117,714	+16.2	15,715	13,815	+13.8	135,822	119,756	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,407	177,013	+24.5	1,864,802R	1,518,383	+22.8	218,057	173,611	+25.6	1,829,599R	1,474,361	+24.1
THERMOSETTING RESINS, TOTAL	460,254	370,329	+24.3	3,913,543R	3,257,333	+20.1	460,084	372,207	+23.6	3,896,170R	3,227,216	+20.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	802,671	739,792	+8.5	5,950,346R	5,714,418	+4.1	694,094	660,328	+5.1	5,977,967R	5,595,938	+6.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	581,690	433,156	+34.3	4,280,008	3,671,247	+16.6	520,409	417,667	+24.6	4,226,876	3,675,699	+15.0
POLYPROPYLENE, TOTAL	469,535	315,898	+48.6	3,316,626	2,736,428	+21.2	408,180	280,302	+45.6	3,251,797	2,580,464	+26.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,449	6,799	+9.6	67,728	63,062	+7.4	9,459	5,033	+87.9	73,174	71,446	+2.4
OTHER STYRENE BASED POLYMERS, TOTAL (3) *40% or more styrene*	110,591	75,250	+47.0	903,488	668,605	+35.1	108,325	75,995	+42.5	857,446	678,111	+26.4
POLYSTYRENE, TOTAL	325,784	309,391	+5.3	2,706,459R	2,445,568	+10.7	311,218	302,236	+3.0	2,605,333R	2,425,536	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL (4) *50% or more styrene including styrene butadiene latexes not carboxylated*	64,521	43,802	+47.3	522,781R	375,328	+39.3	63,244	46,244	+36.8	521,989R	380,148	+37.3
NYLON RESINS, TOTAL	29,792	21,522	+38.4	237,019	194,135	+22.1	29,596	19,774	+49.7	227,426	181,322	+25.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	571,006	543,420	+5.1	4,737,651	4,190,050	+13.1	539,137	477,889	+12.8	4,654,687	4,040,592	+15.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,420	51,771	+16.7	520,224R	434,751	+19.7	60,420	51,771	+16.7	520,224	434,751	+19.7
POLYVINYL ALCOHOL, TOTAL #	10,594	D		101,057	D		13,491	D		98,112	D	
OTHER VINYL RESINS, TOTAL	16,413	12,605	+30.2	129,335	128,129	+0.9	16,817	14,146	+18.9	136,573	136,968	-0.3
THERMOPLASTIC POLYESTER, TOTAL	72,821	52,502	+38.7	569,187R	467,557	+21.7	62,078	46,355	+33.9	557,235R	488,213	+14.1
THERMOPLASTIC RESINS, TOTAL	3,123,287	2,605,908	+19.9	24,041,909R	21,089,278	+14.0	2,836,468	2,397,740	+18.3	23,708,839R	20,689,188	+14.6
GRAND TOTAL	3,583,541	2,976,237	+20.4	27,955,452R	24,346,611	+14.8	3,296,552	2,769,947	+19.0	27,605,009R	23,916,404	+15.4

D = Disclosure
R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS.
(4) = Includes Styrene-Butadiene Latexes.
= Includes imputed data.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

SEPTEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	11,925	10,403	+14.6	110,870	107,186	+3.4	12,906	11,539	+11.8	112,313	100,766	+11.5
POLYESTER *(UNSATURATED)* RESINS, TOTAL	42,416	32,821	+29.2	360,295	298,972	+20.5	42,452	33,314	+27.4	365,180R	303,245	+20.4
UREA RESINS, TOTAL	46,564	38,346	+21.4	396,066	329,232	+20.3	47,297	38,964	+21.4	398,289	336,758	+18.3
MELAMINE RESINS, TOTAL	7,889	6,118	+29.0	62,071	53,394	+16.2	7,128	6,266	+13.8	61,608	54,321	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	99,976	80,293	+24.5	845,869	688,733	+22.8	98,910	78,749	+25.6	829,901	668,766	+24.1
THERMOSETTING RESINS, TOTAL	208,770	167,981	+24.3	1,775,171	1,477,517	+20.1	208,693	158,832	+23.6	1,767,291	1,463,856	+20.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	364,089	335,567	+8.5	2,699,059	2,592,043	+4.1	314,839	299,523	+5.1	2,711,588	2,538,301	+6.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	263,853	196,478	+34.3	1,941,399	1,665,267	+16.6	236,056	189,452	+24.6	1,917,298	1,667,286	+15.0
POLYPROPYLENE, TOTAL	212,980	143,290	+48.6	1,504,412	1,241,235	+21.2	185,149	127,144	+45.6	1,475,005	1,170,490	+26.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,379	3,084	+9.6	30,721	28,605	+7.4	4,291	2,283	+87.9	33,191	32,408	+2.4
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	50,164	34,133	+47.0	409,819	303,277	+35.1	49,136	34,471	+42.5	388,935	307,589	+26.4
POLYSTYRENE, TOTAL	147,775	140,339	+5.3	1,227,642	1,109,302	+10.7	141,168	137,094	+3.0	1,181,772	1,100,216	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	29,266	19,868	+47.3	237,132	170,248	+39.3	28,687	20,977	+36.8	236,773	172,434	+37.3
NYLON RESINS, TOTAL	13,514	9,762	+38.4	107,511	88,059	+22.1	13,425	8,969	+49.7	103,160	82,247	+25.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	259,007	246,494	+5.1	2,148,984	1,900,594	+13.1	244,551	216,769	+12.8	2,111,352	1,832,800	+15.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	27,406	23,483	+16.7	235,972	197,202	+19.7	27,406	23,484	+16.7	235,973	197,203	+19.7
POLYVINYL ALCOHOL, TOTAL #	4,805	D		45,839	D		6,119	D		44,503	D	
OTHER VINYL RESINS, TOTAL	7,445	5,718	+30.2	58,666	58,119	+0.9	7,628	6,416	+18.8	61,949	62,128	-0.3
THERMOPLASTIC POLYESTER, TOTAL	33,031	23,815	+38.7	258,182	212,082	+21.7	28,158	21,026	+33.9	252,760	221,452	+14.1
THERMOPLASTIC RESINS, TOTAL	1,416,714	1,182,031	+19.9	10,905,338	9,566,033	+14.0	1,286,613	1,087,608	+18.3	10,754,259	9,384,554	+14.6
GRAND TOTAL	1,625,484	1,350,012	+20.4	12,680,509	11,043,550	+14.8	1,495,306	1,256,440	+19.0	12,521,550	10,848,410	+15.4

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes.

(1) *Except phenolic resins which are reported on a gross weight basis.*

= Includes imputed data.

(D) = Disclosure R = Revision.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,289	22,934	+14.6	244,425	236,299	+3.4	28,452	25,439	+11.8	247,605	222,149	+11.5
Total Exports	1,131	1,256	-10.0	24,103	29,842	-19.2						
Total Domestic	25,158	21,678	+16.1	220,322	206,457	+6.7						
Bonding & Adhesives	1,200	1,294	-7.3	12,681	12,160	+4.3						
Flooring, Paving & Exposed Aggregate	1,528	1,400	+9.1	13,638	13,971	-2.4						
Protective Coatings	10,416	9,736	+7.0	96,311	96,576	-0.3						
Fiber Reinforced Laminates & Composites, Total	7,090	4,976	+42.5	51,876	45,426	+14.2						
FRL & C for Printed Wiring Board	5,161	*		36,964	*							
All Other FRL & C	1,929	*		14,912	*							
Tooling, Casting & Molding Resins	2,102	1,967	+6.9	20,390	19,044	+7.1						
All Other Uses	2,822	2,305	+22.4	25,426	19,280	+31.9						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,510	72,357	+29.2	794,307R	659,113	+20.5	93,590	73,445	+27.4	805,077R	668,534	+20.4
Exports, Total	846	582	+45.4	7,799	6,641	+17.4						
Domestic, Total	92,664	71,775	+29.1	786,508R	652,472	+20.5						
General Purpose Resins, Total	82,083	62,307	+31.7	701,877R	573,331	+22.4						
General Purpose – Thixotropic	38,397	27,170	+41.3	329,116R	257,678	+27.7						
General Purpose – Press Molding	13,370	7,743	+72.7	101,347R	70,631	+43.5						
General Purpose – All Other	30,316	27,394	+10.7	271,414	245,022	+10.8						
Flame Retardant Resins	1,693	2,329	-27.3	14,465R	15,804	-8.5						
Chemical Resistant Resins	8,888	7,139	+24.5	70,166R	63,337	+10.8						
Chemical Resistant Isophthalic Resins	6,029	4,992	+20.8	46,967R	43,565	+7.8						
All Other Chemical Resistant Resins	2,859	2,147	+33.2	23,199	19,772	+17.3						
Reinforced Plastics, Total	72,167	52,546	+37.3	609,427R	485,942	+25.4						
Non-Reinforced Plastics, Total	20,497	19,229	+6.6	177,081R	166,530	+6.3						

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* = Comparable 1982 data not available R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis) (1)

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	102,656	84,538	+21.4	873,167	725,824	+20.3	104,270	85,897	+21.4	878,067	742,416	+18.3
MELAMINE RESINS, TOTAL	17,392	13,487	+29.0	136,842	117,714	+16.2	15,715	13,815	+13.8	135,822	119,756	+13.4
UREA & MELAMINE RESINS, TOTAL	120,048	98,025	+22.5	1,010,009	843,538	+19.7	119,985	99,712	+20.3	1,013,889	862,172	+17.6
Total Exports	2,456	1,335	+84.0	15,979	12,631	+26.5						
Total Domestic	117,592	96,690	+21.6	994,030	830,907	+19.6						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,242	5,625	+28.7	54,820	50,324	+8.9	6,808	5,318	+28.0	63,929	50,647	+26.2
Molding Compounds	6,290	4,161	+51.2	51,096	33,202	+53.9	6,809	5,141	+32.4	53,559	34,203	+56.6
Bonding & Adhesive Resins for:	91,762	73,675	+24.5	762,395	638,813	+19.3	91,648	74,581	+22.9	769,152	648,953	+18.5
Laminating	3,842	2,367	+62.3	30,398	21,101	+44.1	3,682	2,368	+55.5	30,333	21,680	+39.9
Plywood	6,015	5,974	+0.7	47,337	50,000	-5.3	5,714	6,206	-7.9	47,528	50,873	-6.6
Fibrous & Granulated Wood (Particle Board)	81,905	65,334	+25.4	684,660	567,712	+20.6	82,252	66,007	+24.6	691,291	576,400	+19.9
Protective Coatings *(Straight & Modified)*	5,933	6,057	-2.0	57,158	49,182	+16.2	7,755	6,950	+11.6	65,810	58,236	+13.0
All Other Uses *(Includes Textile Treating & Coating Resins)*	6,455	7,172	-11.3	68,561	59,386	+15.4	6,965	7,722	-9.8	61,439	70,133	-12.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,407	177,013	+24.5	1,864,802R	1,518,383	+22.8	218,057	173,611	+25.6	1,829,599R	1,474,361	+24.1
Total Exports	1,311	1,108	+18.3	12,834	12,240	+4.9						
Total Domestic	219,096	175,905	+24.6	1,851,968R	1,506,143	+23.0						
Molding Compounds	19,353	16,620	+16.4	170,908R	141,847	+20.5	21,957	19,761	+11.1	193,522R	149,565	+29.4
Bonding & Adhesive Resins for:	195,121	156,065	+25.0	1,645,091	1,334,180	+23.3	191,874	150,453	+27.5	1,600,437	1,292,936	+23.8
Laminating	14,004	9,238	+51.6	122,429	95,180	+28.6	12,091	8,258	+46.4	103,737	82,742	+25.4
Coated & Bonded Abrasives	2,034	2,004	+1.5	19,557	19,844	-1.4	1,879	2,148	-12.5	19,019	19,366	-1.8
Friction Materials	2,868	2,123	+35.1	23,377	20,380	+14.7	2,939	1,820	+61.5	23,013	20,102	+14.5
Insulation Materials	34,317	28,751	+19.4	253,148	246,271	+2.8	33,881	26,886	+26.0	241,234	232,512	+3.8
Foundry & Shell Molding	5,539	4,369	+26.8	45,429	43,333	+4.8	5,769	4,590	+25.7	46,614	44,496	+4.8
Plywood	116,421	90,781	+28.2	981,849R	744,921	+31.8	114,800	87,943	+30.5	966,837R	729,446	+32.5
Fibrous & Granulated Wood	12,578	12,585	0.0	137,588R	108,359	+27.0	12,401	12,059	+2.8	134,330R	103,366	+30.0
Resins Sold to Rubber Industry	2,116	1,985	+6.6	19,336	16,673	+16.0	2,759	2,319	+19.0	22,133	17,599	+25.8
All Other	5,244	4,229	+24.0	42,378	39,219	+8.1	5,355	4,430	+20.9	43,520	43,307	+0.5
Protective Coatings – Unmodified & Modified	1,251	1,814	-31.0	13,500R	13,926	-3.1	1,122	1,725	-35.0	13,489R	14,666	-8.0
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	3,371	1,406	+139.8	22,469	16,190	+38.8	3,104	1,672	+85.6	22,151	17,194	+28.8

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	802,671	739,792	+8.5	5,950,346R	5,714,418	+4.1	694,094	660,328	+5.1	5,977,967R	5,595,938	+6.8
Exports, Total	70,028	127,013	-44.9	669,043	913,164	-26.7						
Domestic, Total	732,643	612,779	+19.6	5,281,303R	4,801,254	+10.0						
Film *(12 Mils & Below)*	492,241	408,348	+20.5	3,466,204R	3,072,586	+12.8						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	71,487	49,390	+44.7	474,663R	371,218	+27.9						
Wire & Cable	28,879	25,487	+13.3	209,412	216,387	-3.2						
Extrusion Coating	51,887	44,027	+17.9	422,450R	399,681	+5.7						
Blow Molding	4,562	2,889	+57.9	32,819	32,049	+2.4						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,014	4,243	+112.4	64,800R	34,013	+90.5						
All Other Uses	74,573	78,395	-4.9	610,955	675,320	-9.5						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	581,690	433,156	+34.3	4,280,008	3,671,247	+16.6	520,409	417,667	+24.6	4,226,876	3,675,699	+15.0
Exports, Total	94,528	63,291	+49.4	770,066	472,640	+62.9						
Domestic, Total	487,162	369,865	+31.7	3,509,942	3,198,607	+9.7						
Film *(12 Mils & Below)*	31,438	26,353	+19.3	263,516	201,202	+31.0						
Sheet *(Over 12 Mils)*	7,487	5,630	+33.0	56,162	47,658	+17.8						
Injection Molding	129,955	92,226	+40.9	879,267	815,238	+7.9						
Wire & Cable	9,287	9,059	+2.5	100,958	85,625	+17.9						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	192,606	130,049	+28.4	1,344,621	1,283,862	+4.7						
Pipe & Conduit, Total	50,017	35,679	+40.2	357,603	292,579	+22.2						
Corrugated Pipe & Conduit	20,706	*		161,921	*							
Non-Corrugated Pipe & Conduit	29,311	*		195,682	*							
Other Extruded Products	5,537	2,591	+113.7	31,012	29,708	+4.4						
All Other Uses	60,835	48,278	+26.0	476,803	442,735	+7.7						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

(1) = Included in All Other Uses.
(2) = Included in Other Extruded Products.
(3) = Included in Film.

* = Comparable 1982 Data Not Available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	469,535	315,898	+48.6	3,316,626	2,736,428	+21.2	408,180	280,302	+45.6	3,251,797	2,580,464	+26.0
Exports, Total	88,024	37,954	+131.9	615,016	512,712	+20.0						
Domestic, Total	381,511	277,944	+37.3	2,701,610	2,223,716	+21.5						
Injection Molding	127,738	98,812	+29.3	906,979	825,979	+9.8						
Appliances	9,184	6,613	+38.9	69,903	54,973	+27.2						
Consumer Products	30,454	24,463	+24.5	229,086	213,448	+7.3						
Rigid Packaging	33,405	27,784	+20.2	268,693	217,298	+23.7						
Transportation	34,085	23,550	+44.7	205,418	172,307	+19.2						
All Other Injection Molding	20,610	16,402	+25.7	133,879	167,953	-20.3						
Blow Molding	10,112	6,678	+51.4	64,336	51,448	+25.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	42,791	30,775	+39.0	275,920	226,750	+21.7						
Sheet *(Over 10 Mils)*	4,605	1,132	+306.8	23,172	13,979	+65.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	122,943	90,983	+35.1	887,070	668,583	+32.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,383	14,031	-26.0	80,673	75,247	+7.2						
Resellers & Compounders	47,362	*		330,289	*							
All Other Uses	15,577	35,533	n.c.	133,171	361,730	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

* = Comparable 1982 data not available.

n.c. = Not comparable.

 # = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,449	6,799	+9.6	67,728	63,062	+7.4	9,459	5,033	+87.9	73,174	71,446	+2.4
Total Exports	728	731	-0.4	7,867	7,872	0.0						
Total Domestic	6,721	6,068	+10.8	59,861	55,190	+8.5						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	110,591	75,250	+47.0	903,488	668,605	+35.1	108,325	75,995	+42.5	857,446R	678,111	+26.4
Export, Total	11,234	3,713	+202.6	92,099	56,090	+64.2						
Domestic, Total	99,357	71,537	+38.9	811,389	612,515	+32.5						
Molding & Extrusion	93,998	*		765,249	*							
Coatings	5,359	*		46,140	*							
POLYSTYRENE RESINS, TOTAL	325,784	309,391	+5.3	2,706,459R	2,445,568	+10.7	311,218	302,236	+3.0	2,605,333R	2,425,536	+7.4
Straight Polystyrene	169,580	157,825	+7.4	1,398,613R	1,256,973	+11.3	159,880	152,664	+4.7	1,341,248R	1,261,932	+6.3
Rubber-Modified Polystyrene	156,204	151,566	+3.1	1,307,846R	1,188,595	+10.0	151,338	149,572	+1.2	1,264,085R	1,163,604	+8.6
Exports, Total	5,937	7,734	-23.2	60,547	76,492	-20.8						
Straight Polystyrene	3,127	3,624	-13.7	30,336	39,398	-23.0						
Rubber-Modified Polystyrene	2,810	4,110	-31.6	30,211	37,094	-18.6						
Domestic, Total	319,847	301,657	+6.0	2,645,912R	2,369,076	+11.7						
Molding	141,038	136,697	+3.2	1,137,432R	1,047,664	+8.6						
Extrusion	108,014	100,685	+7.3	916,462R	817,079	+12.2						
Expandable Polystyrene Beads	39,542	40,067	-1.3	331,815	322,234	+3.0						
All Other Uses	31,253	24,208	+29.1	260,203R	182,099	+42.9						
Polystyrene End uses, Total **	319,847	301,657	+6.0	2,645,912R	2,369,076	+11.7						
Packaging	78,784	102,165	-22.9	664,140R	793,366	-16.3						
Disposables	50,058	*		369,994R	*							
Consumer and Institutional Products	47,842	64,486	-25.8	403,944R	495,104	-18.4						
Electrical/Electronics	26,263	30,726	-14.5	214,368R	216,271	-0.9						
Furniture, Furnishings, Building and Construction	14,094	17,419	-19.1	118,994	135,044	-11.9						
Expandable Polystyrene Beads	39,542	40,067	-1.3	331,815	322,234	+3.0						
All Other End Uses	63,264	46,794	+35.2	542,657R	407,057	+33.3						

D = Disclosure.
R = Revision
(3) = Includes ABS.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

** = *Portions of the End Use Section are Estimated.*

* = Comparable 1982 Data not Available.

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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	64,521	43,802	+47.3	522,781R	375,328	+39.3	63,244	46,244	+36.8	521,989R	380,148	+37.3
Paper Treating	2,196	1,897	+15.8	21,355	18,378	+16.2						
Textile Treating	1,740	843	+106.4	15,231R	10,001	+52.3						
Carpet Backing	29,205	18,595	+57.1	223,915R	149,480	+49.8						
All Other Uses (Including Exports & Paper Coating)	31,380	22,467	+39.7	262,280R	197,469	+32.8						
NYLON RESINS, TOTAL	29,792	21,522	+38.4	237,019R	194,135	+22.1	29,596	19,774	+49.7	227,426R	181,322	+25.4
Total Exports	2,665	1,678	+58.8	17,586	14,071	+25.0						
Total Domestic	27,127	19,844	+36.7	219,433R	180,064	+21.9						
Injection Molding Grade	18,210	11,584	+57.2	140,209R	109,026	+28.6						
Extrusion Grade	7,294	6,695	+8.9	63,334R	54,987	+15.2						
Resellers and Compounders	1,138	1,211	-6.0	11,537R	12,179	-5.3						
All Other Uses	485	354	+37.0	4,353R	3,872	+12.4						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	571,006	543,420	+5.1	4,737,651	4,190,050	+13.1	539,137	477,889	+12.8	4,654,687	4,040,592	+15.2
Homopolymer Resins including Blending and Latex	515,393	487,130	+5.8	4,235,394	3,706,625	+14.3	480,483	420,565	+14.2	4,171,522	3,582,983	+16.4
Copolymer Resins including Blending and Latex	24,178	23,778	+1.7	209,885	223,822	-6.2	25,804	28,183	-8.4	201,694	211,135	-4.5
Dispersion Resins	31,435	32,512	-3.3	292,372	259,603	+12.6	32,850	29,141	+12.7	281,471	246,474	+14.2
Total Exports	43,227	43,101	+0.3	398,314	441,833	-9.8						
Total Domestic	527,779	500,319	+5.5	4,339,337	3,748,217	+15.8						
Calendering, Total	64,168	66,299	-3.2	528,743	458,270	+15.4						
Flooring	13,406	17,030	-21.3	117,552	113,175	+3.9						
Textile	12,882	6,296	+104.6	80,970	45,704	+77.2						
All Other Calendering Uses	37,880	42,973	-11.9	330,221	299,391	+10.3						
Coating, Total	27,854	27,386	+1.7	263,812	200,834	+31.4						
Flooring	9,575	11,273	-15.1	108,150	71,193	+51.9						
Textile & Paper Coating	10,418	8,249	+26.3	87,056	67,330	+29.3						
Protective Coatings	3,644	3,708	-1.7	33,625	29,647	+13.4						
Adhesives & All Other Coating Uses	4,217	4,156	+1.5	34,981	32,664	+7.1						
Extrusion, Total	337,279	313,684	+7.5	2,736,656	2,415,431	+13.3						
Wire & Cable	36,169	34,145	+5.9	261,734	247,716	+5.7						
Film & Sheet	30,633	33,568	-8.7	231,472	238,228	-2.8						
Rigid Pipe & Tubing *(Except Fittings)*	210,343	197,489	+6.5	1,809,497	1,564,673	+15.6						
All Other Extrusions	60,134	48,482	+24.0	433,953	364,814	+19.0						
Molding, Total	41,749	34,745	+20.2	314,936	262,647	+19.9						
Bottles	17,032	11,129	+53.0	114,953	77,064	+49.2						
Sound Records	6,193	7,537	-17.8	59,550	75,807	-21.4						
Fittings *(Rigid Pipe & Tubing)*	11,431	11,158	+2.4	81,561	74,074	+10.1						
All Other Molding	7,093	4,921	+44.1	58,872	35,702	+64.9						
Paste Processes *(Except Coating)*	13,547	16,592	-18.4	122,904	131,591	-6.6						
Plastisol Formulation	8,441	8,989	-6.1	72,103	63,591	+13.4						
All Other	5,106	7,603	-32.8	50,801	68,000	-25.3						
Resellers & Compounders	18,128	17,075	+6.2	152,520	111,115	+37.3						
All Other Uses	25,054	24,538	+2.1	219,766R	168,329	+30.6						

R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,420	51,771	+16.7	520,224R	434,751	+19.7						
Total Exports	365	515	-29.1	4,763R	4,515	+5.5						
Total Domestic	60,055	51,256	+17.2	515,461R	430,236	+19.8						
Emulsion Paints	18,257	14,406	+26.7	164,072R	125,731	+30.5						
Adhesives, Caulks and Sealants	24,258	21,451	+13.1	204,479R	178,692	+14.4						
Paper Treating & Paper Coating	10,413	8,813	+18.2	86,321R	71,176	+21.3						
Textile Treating	1,981	1,892	+4.7	16,607	14,291	+16.2						
Non-Woven Binders	2,713	2,311	+17.4	23,522R	19,753	+19.1						
All Other Uses	2,433	2,383	+2.1	20,460R	20,593	-0.6						
POLYVINYL ALCOHOL, TOTAL #	10,594	D		101,057	D		13,491	D		98,112	D	
Total Exports	1,863	D		16,939	D							
Total Domestic	8,731	D		84,118	D							
OTHER VINYL RESINS*, TOTAL	16,413	12,605	+30.2	129,335	128,129	+0.9	16,817	14,146	+18.9	136,573	136,968	-0.3
Total Exports	3,792	2,790	+35.9	28,772	28,112	+2.3						
Total Domestic	12,621	9,815	+28.6	100,563	100,017	+0.5						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.												
THERMOPLASTIC POLYESTER, TOTAL	72,821	52,502	+38.7	569,187R	467,557	+21.7	62,078	46,355	+33.9	557,235R	488,213	+14.1
Total Exports	9,741	3,707	+162.8	68,321	33,635	+103.1						
Total Domestic	63,080	48,795	+29.3	500,866R	433,922	+15.4						
PET Bottle Grades	46,289	37,668	+22.9	371,977R	344,655	+7.9						
All Other Thermoplastic Polyester **	16,791	11,127	+50.9	128,889R	89,267	+44.4						

** Includes All Other PET and All Injection Molding Grades.

D = Disclosure
R = Revision
# = Includes Imputed Data.

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1/3/84 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Quarterly Statistical Report-Polyester Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE QUARTER AND PERIOD ENDED

SEPTEMBER 30, 1983

PRODUCTION AND SALES & CAPTIVE USE OF POLYESTER RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

SPI

SECTION I

CRS

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

FIRST QUARTER REVISED 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FIRST QUARTER			YEAR-TO-DATE			FIRST QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	241,199	214,693	+12.3	241,199	214,693	+12.3	247,024	221,947	+11.3	247,024	221,947	+11.3
Reinforced Plastics, Total	183,389	161,836	+13.3	183,389	161,886	+13.3	187,738	168,546	+11.4	187,738	168,546	+11.4
Non-Reinforced Plastics, Total	57,810	52,807	+9.5	57,810	52,807	+9.5	59,286	53,401	+11.0	59,286	53,401	+11.0
DOMESTIC REINFORCED PLASTICS, TOTAL	183,389	161,886	+13.3	183,389	161,886	+13.3						
Marine and Marine Accessories, Total	46,397	41,281	+12.4	46,397	41,281	+12.4						
Transportation, Total	19,623	16,674	+17.7	19,623	16,674	+17.7						
Autos, Trucks, Buses, etc. Total	16,505	13,437	+22.8	16,505	13,437	+22.8						
Other Transportation	3,118	3,237	-3.7	3,118	3,237	-3.7						
Construction, Total	75,374	66,211	+13.8	75,374	66,211	+13.8						
General Construction	31,360	26,873	+16.7	31,360	26,873	+16.7						
Bathroom Components and Fixtures	18,706	16,674	+12.2	18,706	16,674	+12.2						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	25,308	22,664	+11.7	25,308	22,664	+11.7						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	5,318	4,371	+21.7	5,318	4,371	+21.7						
Consumer Goods, Total	19,439	14,570	+33.4	19,439	14,570	+33.4						
Major Appliances & Parts and Business Equipment Parts & Components	5,135	5,504	-6.7	5,135	5,504	-6.7						
Recreational Goods, Toys, Etc.	8,619	5,990	+43.9	8,619	5,990	+43.9						
Other Consumer Goods	5,685	3,076	+84.8	5,685	3,076	+84.8						
Gel Coats	8,986	7,771	+15.6	8,986	7,771	+15.6						
Other Reinforced, Total	8,252	11,008	-25.0	8,252	11,008	-25.0						
DOMESTIC NON-REINFORCED, TOTAL	57,810	52,807	+9.5	57,810	52,807	+9.5						
Castings, Total	28,269	28,707	-1.5	28,269	28,707	-1.5						
Furniture, Non-Reinforced	694	1,187	-41.5	694	1,187	-41.5						
Cultured Marble & Onyx	18,326	16,157	+13.4	18,326	16,157	+13.4						
Other	9,249	11,363	-18.6	9,249	11,363	-18.6						
Autobody Putty	14,106	11,668	+20.9	14,106	11,668	+20.9						
Surface and Protective Coatings	1,330	946	-40.6	1,330	946	-40.6						
Bonding and Adhesives	520	587	-11.4	520	587	-11.4						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	3,758	D(1)		3,758	D(1)							
Other Non-Reinforced, Total	9,827	10,899	n.c.	9,827	10,899	n.c.						

D = Disclosure

) = Included in Other Non-Reinforced, Total

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

0-5% imputation Reinforced Plastics

n.c. = Not comparable

SPI

SECTION I

CRS

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

SECOND QUARTER REVISED 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SECOND QUARTER			YEAR-TO-DATE			SECOND QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	280,532	227,438	+23.3	521,731	442,131	+18.0	284,474	229,051	+24.2	531,498	450,998	+17.8
Reinforced Plastics, Total	219,014	170,121	+28.7	402,403	332,007	+21.2	222,174	173,244	+28.2	409,912	341,790	+19.2
Non-Reinforced Plastics, Total	61,518	57,317	+7.3	119,328	110,124	+8.4	62,300	55,807	+11.6	121,586	109,208	+11.3
DOMESTIC REINFORCED PLASTICS, TOTAL	219,014	170,121	+28.7	402,403	332,007	+21.2						
Marine and Marine Accessories, Total	59,791	44,912	+33.1	106,188	86,193	+23.2						
Transportation, Total	22,120	17,522	+26.2	41,743	34,196	+22.1						
Autos, Trucks, Buses, etc. Total	18,616	14,120	+31.8	35,121	27,557	+27.4						
Other Transportation	3,504	3,402	+3.0	6,622	6,639	-0.3						
Construction, Total	91,986	75,024	+22.6	167,360	141,235	+18.5						
General Construction	36,138	29,431	+22.8	67,498	56,304	+19.9						
Bathroom Components and Fixtures	24,091	20,415	+18.0	42,797	37,089	+15.4						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	31,757	25,178	+26.1	57,065	47,842	+19.3						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	7,446	3,743	+98.9	12,764	8,114	+57.3						
Consumer Goods, Total	19,492	12,759	+52.8	38,931	27,329	+42.5						
Major Appliances & Parts and Business Equipment Parts & Components	4,599	4,253	+8.1	9,734	9,757	-0.2						
Recreational Goods, Toys, Etc.	10,075	5,954	+69.2	18,694	11,944	+56.5						
Other Consumer Goods	4,818	2,552	+88.8	10,503	5,628	+86.6						
Gel Coats	10,294	8,506	+21.0	19,280	16,277	+18.4						
Other Reinforced, Total	7,885	7,655	+3.0	16,137	18,663	-13.5						
DOMESTIC NON-REINFORCED, TOTAL	61,518	57,317	+7.3	119,328	110,124	+8.4						
Castings, Total	28,360	26,397	+7.4	56,629	55,104	+2.8						
Furniture, Non-Reinforced	1,169	1,186	-1.4	1,863	2,373	-21.5						
Cultured Marble & Onyx	20,178	15,327	+31.7	38,504	31,484	+22.3						
Other	7,013	9,884	-29.0	16,262	21,247	-23.5						
Autobody Putty	16,733	15,370	+8.9	30,839	27,038	+14.1						
Surface and Protective Coatings	1,353	836	+61.8	2,683	1,782	+50.6						
Bonding and Adhesives	492	526	-6.5	1,012	1,113	-9.1						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	4,122	D(1)		7,880	D(1)							
Other Non-Reinforced, Total	10,458	14,188	n.c.	20,285	25,087	n.c.						

D = Disclosure

1) = Included in Other Non-Reimforced, Total

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

0-5% imputation Reinforced Plastics

n.c. = Not comparable

SPI

SECTION I

CRS

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

THIRD QUARTER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	THIRD QUARTER			YEAR-TO-DATE			THIRD QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	271,158	210,341	+28.9	792,889	652,472	+21.5	280,194	217,536	+28.8	811,692	668,534	+21.4
Reinforced Plastics, Total	210,215	153,935	+36.6	612,618	485,942	+26.1	217,150	158,813	-36.7	627,062	500,603	+25.3
Non-Reinforced Plastics, Total	60,943	56,406	+8.0	180,271	166,530	+8.3	63,044	58,723	+7.4	184,630	167,931	+9.9
DOMESTIC REINFORCED PLASTICS, TOTAL	210,215	153,935	+36.6	612,618	485,942	+26.1						
Marine and Marine Accessories, Total	56,758	37,098	+53.0	162,946	123,291	+32.2						
Transportation, Total	22,073	15,547	+42.0	63,816	49,743	+28.3						
Autos, Trucks, Buses, etc. Total	18,919	12,931	+46.3	54,040	40,488	+33.5						
Other Transportation	3,154	2,616	+20.6	9,776	9,255	+5.6						
Construction, Total	88,290	71,272	+23.9	255,650	212,507	+20.3						
General Construction	34,896	30,172	+15.7	102,394	86,476	+18.4						
Bathroom Components and Fixtures	25,226	19,857	+27.0	68,023	56,946	+19.5						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	28,168	21,243	+32.6	85,233	69,085	+23.4						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	6,937	4,156	+66.9	19,701	12,270	+60.6						
Consumer Goods, Total	19,550	11,391	+71.6	58,481	38,720	+51.0						
Major Appliances & Parts and Business Equipment Parts & Components	5,255	4,310	+21.9	14,989	14,067	+6.6						
Recreational Goods, Toys, Etc.	9,880	4,618	+113.9	28,574	16,562	+72.5						
Other Consumer Goods	4,415	2,463	+79.3	14,918	8,091	+84.4						
Gel Coats	9,249	7,697	+20.2	28,529	23,974	+19.0						
Other Reinforced, Total	7,358	6,774	+8.6	23,495	25,437	-7.6						
DOMESTIC NON-REINFORCED, TOTAL	60,943	56,406	+8.0	180,271	166,530	+8.3						
Castings, Total	28,583	26,060	+9.7	85,212	81,164	+5.0						
Furniture, Non-Reinforced	1,158	1,015	+14.1	3,021	3,388	-10.8						
Cultured Marble & Onyx	20,660	16,471	+25.4	59,164	47,955	+23.4						
Other	6,765	8,574	-21.1	23,027	29,821	-22.8						
Autobody Putty	15,540	18,050	-13.9	46,379	45,088	+2.9						
Surface and Protective Coatings	1,158	1,354	-14.5	3,841	3,136	+22.5						
Bonding and Adhesives	548	677	-19.1	1,560	1,790	-12.8						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	4,327	D(1)		12,207	D(1)							
Other Non-Reinforced, Total	10,787	10,265	n.c.	31,072	35,352	n.c.						

D = Disclosure
(1) = Included in Other Non-Reinforced, Total

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

0-5% imputation Reinforced Plastics
n.c. = Not comparable

PARTICIPANTS

THIRD QUARTER
POLYESTER RESINS

Advance Coatings Co.
Alpha Chemical Co.
Ashland Chemical Co.
AZS Corporation
Cargill, Inc.
Cook Paint & Varnish Co.
Dow Chemical Co.
Freeman Chemical Corp.
Glidden Coatings & Resins
Div. of SCM
ICI Americas
Inmont Corp.
Interplastics Corporation
Commercial Resins Division
Koppers Co., Inc.
Owens-Corning Fiberglas
Pioneer Plastics Corp.
PPG Industries
Reichhold Chemicals, Inc.
Shell Chemical
Sherwin-Williams
Sohio Chemicals Co.
USS Chemicals-Polyester Unit

1/3/84 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED OCTOBER, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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1983 ISSUE NO. 10

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

CRS

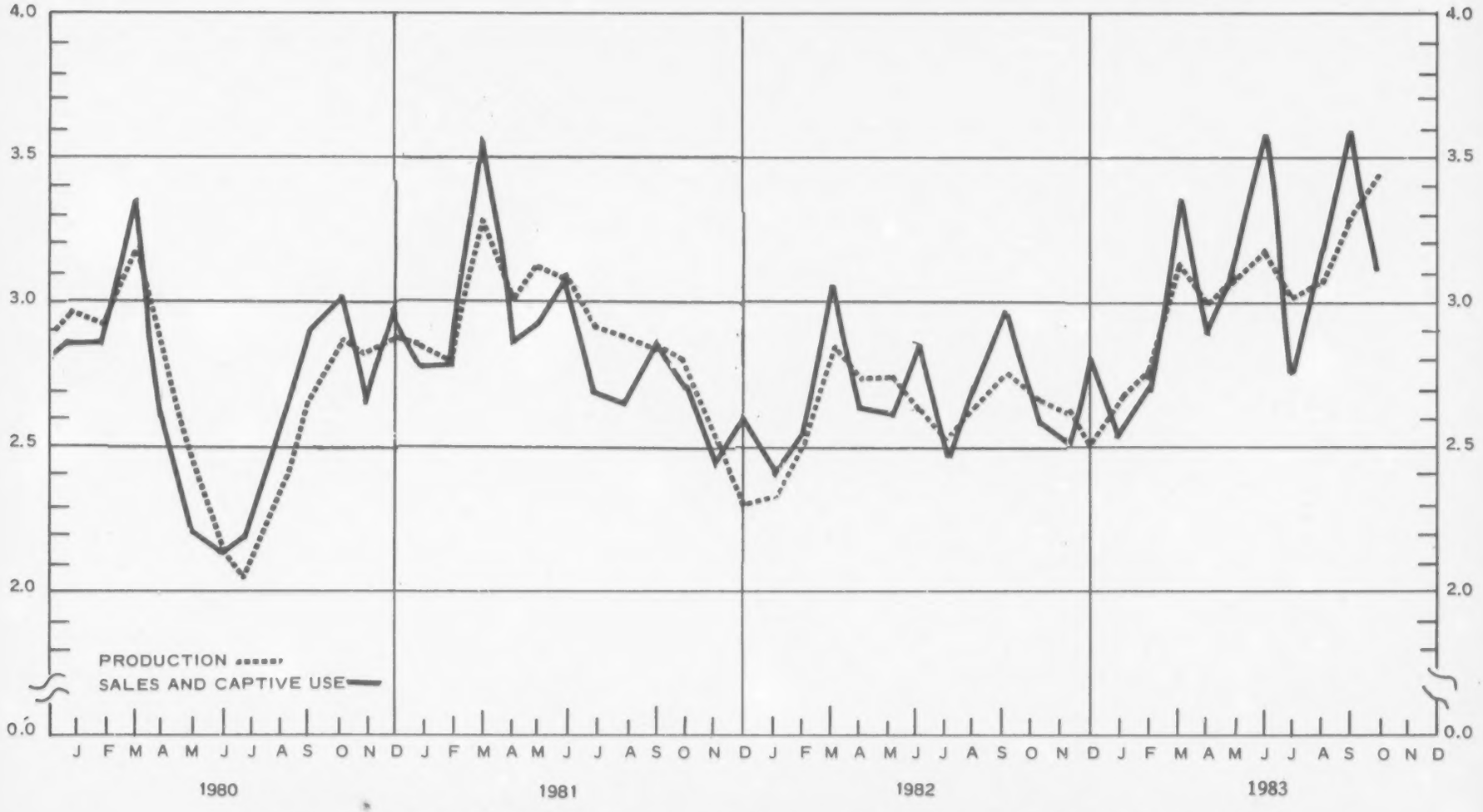
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

OCTOBER, 1983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PRODUCTION
SALES AND CAPTIVE USE
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1980
1981
1982
1983

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

OCTOBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983*	1982	% CHANGE
EPOXY RESINS, TOTAL	27,659	22,528	+22.8	273,366R	258,827	+5.6	29,290	24,247	+20.8	277,744R	246,396	+12.7
POLYESTER *(UNSATURATED)* RESINS, TOTAL	99,678	69,354	+43.7	900,423R	728,467	+23.6	101,367	71,328	+42.1	913,059R	739,862	+23.4
UREA RESINS, TOTAL	105,074	87,949	+19.5	981,244R	813,773	+20.6	105,828	90,303	+17.2	985,586R	832,719	+18.4
MELAMINE RESINS, TOTAL	16,835	13,024	+29.3	152,888R	130,738	+16.9	17,286	14,145	+22.2	152,906R	133,901	+14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	237,675	194,918	+21.9	2,107,898R	1,713,301	+23.0	237,044	193,865	+22.3	2,071,607R	1,668,226	+24.2
THERMOSETTING RESINS, TOTAL	486,921	387,773	+25.6	4,415,819R	3,645,106	+21.1	490,815	393,888	+24.6	4,400,902R	3,621,104	+21.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	655,159	618,736	+5.9	6,605,505	6,333,154	+4.3	726,653	617,627	+17.7	6,704,620	6,213,565	+7.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	479,910	407,569	+17.7	4,759,918	4,078,816	+16.7	538,733	417,299	+29.1	4,766,543R	4,092,998	+16.5
POLYPROPYLENE, TOTAL	358,814	282,787	+26.9	3,677,465R	3,019,215	+21.8	415,124	291,704	+42.3	3,666,921	2,872,168	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,107	6,949	+16.7	75,835	70,011	+8.3	8,629	7,763	+11.2	81,803	79,209	+3.3
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	115,198	68,914	+67.2	1,026,523R	737,519	+39.2	121,023	69,072	+75.2	988,061R	747,183	+32.2
POLYSTYRENE, TOTAL	294,975	248,966	+18.5	3,001,434	2,694,534	+11.4	327,172	288,300	+13.5	2,932,505	2,713,836	+8.1
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	63,010	42,896	+46.9	585,778R	418,224	+40.1	63,592	44,607	+42.6	585,611R	424,755	+37.9
NYLON RESINS, TOTAL	31,595	18,619	+69.7	268,614	212,754	+26.3	32,009	17,555	+82.3	259,435	198,877	+30.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	467,832	426,556	+9.7	5,205,483	4,616,606	+12.8	537,734	463,702	+16.0	5,192,421	4,504,294	+15.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,542	46,979	+24.6	578,766	481,730	+20.1	58,542	46,979	+24.6	578,766	481,730	+20.1
POLYVINYL ALCOHOL, TOTAL #	11,635	D		112,692	D		10,583	D		108,695	D	
OTHER VINYL RESINS, TOTAL	17,102	14,561	+17.5	146,124R	142,690	+2.4	15,726	15,766	-0.3	151,986R	152,734	-0.5
THERMOPLASTIC POLYESTER, TOTAL	72,392	50,114	+44.5	644,112R	517,671	+24.4	73,464	51,416	+42.9	633,187R	539,629	+17.3
THERMOPLASTIC RESINS, TOTAL	2,634,271	2,233,646	+17.9	26,688,249R	23,322,924	+14.4	2,928,984	2,331,790	+25.6	26,650,554R	23,020,978	+15.8
GRAND TOTAL	3,121,192	2,621,419	+19.1	31,104,068R	26,968,030	+15.3	3,419,799	2,725,678	+25.5	31,051,456R	26,642,082	+16.6

D = Disclosure
R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
\# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

OCTOBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,546	10,219	+22.8	123,998R	117,403	+5.6	13,286	10,998	+20.8	125,984R	111,765	+12.7
POLYESTER *(UNSATURATED)* RESINS, TOTAL	45,214	31,459	+43.7	408,429R	330,430	+23.6	45,980	32,354	+42.1	414,161R	335,599	+23.4
UREA RESINS, TOTAL	47,661	39,893	+19.5	445,089R	369,125	+20.6	48,003	40,961	+17.2	447,059R	377,719	+18.4
MELAMINE RESINS, TOTAL	7,636	5,908	+29.3	69,350R	59,302	+16.9	7,841	6,416	+22.2	69,358R	60,737	+14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	107,809	88,414	+21.9	956,136R	777,149	+23.0	107,522	87,937	+22.3	939,674R	756,702	+24.2
THERMOSETTING RESINS, TOTAL	220,866	175,893	+25.6	2,003,002R	1,653,409	+21.1	222,632	178,666	+24.6	1,996,236R	1,642,522	+21.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	297,178	280,657	+5.9	2,996,237	2,872,700	+4.3	329,608	280,154	+17.7	3,041,196	2,818,454	+7.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	217,686	184,872	+17.7	2,159,085	1,850,139	+16.7	244,368	189,286	+29.1	2,162,090R	1,856,572	+16.5
POLYPROPYLENE, TOTAL	162,757	128,271	+26.9	1,668,087R	1,369,507	+21.8	188,299	132,316	+42.3	1,663,304	1,302,807	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,677	3,152	+16.7	34,398	31,757	+8.3	3,914	3,521	+11.2	37,106	35,929	+3.3
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	52,253	31,259	+67.2	465,629R	334,536	+39.2	54,896	31,331	+75.2	448,181R	338,920	+32.2
POLYSTYRENE, TOTAL	133,800	112,930	+18.5	1,361,442	1,222,233	+11.4	148,404	130,772	+13.5	1,330,175	1,230,988	+8.1
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	28,581	19,457	+46.9	265,707R	189,705	+40.1	28,845	20,234	+42.6	265,631R	192,668	+37.9
NYLON RESINS, TOTAL	14,331	8,445	+69.7	121,842	96,505	+26.3	14,519	7,963	+82.3	117,679	90,210	+30.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	212,207	193,486	+9.7	2,361,192	2,094,079	+12.8	243,915	210,324	+16.0	2,355,267	2,043,134	+15.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,554	21,309	+24.6	262,526	218,511	+20.1	26,555	21,309	+24.6	262,527	218,511	+20.1
POLYVINYL ALCOHOL, TOTAL #	5,278	D		51,117	D		4,800	D		49,304	D	
OTHER VINYL RESINS, TOTAL	7,757	6,605	+17.5	66,281R	64,723	+2.4	7,133	7,151	-0.3	68,940R	69,280	-0.5
THERMOPLASTIC POLYESTER, TOTAL	32,838	22,732	+17.5	292 167R	234,814	+24.4	33,323	23,322	+42.9	287,212R	244,774	+17.3
THERMOPLASTIC RESINS, TOTAL	1,194,897	1,013,175	+17.9	12,105,710R	10,579,209	+14.4	1,328,579	1,057,693	+25.6	12,088,612R	10,442,247	+15.8
GRAND TOTAL	1,415,763	1,189,068	+19.1	14,108,712R	12,232,618	+15.3	1,551,211	1,236,359	+25.5	14,084,848R	12,084,769	+16.6

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,659	22,528	+22.8	273,366R	258,827	+5.6	29,290	24,247	+20.8	277,744R	246,396	+12.7
Total Exports	2,214	2,582	-14.3	26,468R	32,424	-18.4						
Total Domestic	25,445	19,946	+27.6	246,898R	226,403	+9.1						
Bonding & Adhesives	1,252	1,092	+14.7	14,001R	13,252	+5.7						
Flooring, Paving & Exposed Aggregate	1,742	1,566	+11.2	15,449R	15,537	-0.6						
Protective Coatings	11,375	9,007	+26.3	108,253R	105,583	+2.5						
Fiber Reinforced Laminates & Composites, Total	6,607	4,323	+52.8	58,619R	49,749	+17.8						
FRL & C for Printed Wiring Board	4,757	*		41,778R	*							
All Other FRL & C	1,850	*		16,841R	*							
Tooling, Casting & Molding Resins	2,185	1,923	+13.6	22,589R	20,967	+7.7						
All Other Uses	2,284	2,035	+12.2	27,987R	21,315	+31.3						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	99,678	69,354	+43.7	900,423R	728,467	+23.6	101,367	71,328	+42.1	913,059R	739,862	+23.4
Exports, Total	801	406	+97.3	8,657R	7,047	+22.8						
Domestic, Total	98,877	68,948	+43.4	891,766R	721,420	+23.6						
General Purpose Resins, Total	88,984	60,527	+47.0	797,085R	633,858	+25.8						
General Purpose – Thixotropic	41,807	25,289	+65.3	375,240R	282,967	+32.6						
General Purpose – Press Molding	14,812	8,728	+69.7	116,914R	79,359	+47.3						
General Purpose – All Other	32,365	26,510	+22.1	304,931R	271,532	+12.3						
Flame Retardant Resins	1,799	1,795	+0.2	16,282R	17,599	-7.5						
Chemical Resistant Resins	8,094	6,626	+22.2	78,399R	69,963	+12.1						
Chemical Resistant Isophthalic Resins	5,202	4,791	+8.6	52,306R	48,356	+8.2						
All Other Chemical Resistant Resins	2,892	1,835	+57.6	26,093R	21,607	+20.8						
Reinforced Plastics, Total	76,486	51,365	+48.9	689,104R	537,307	+28.3						
Non-Reinforced Plastics, Total	22,391	17,583	+27.3	202,662R	184,113	+10.1						

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* = Comparable 1982 data not available R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	105,074	87,949	+19.5	981,244R	813,773	+20.6	105,828	90,303	+17.2	985,586R	832,719	+18.4
MELAMINE RESINS, TOTAL	16,835	13,024	+29.3	152,888R	130,738	+16.9	17,286	14,145	+22.2	152,906R	133,901	+14.2
UREA & MELAMINE RESINS, TOTAL	121,909	100,973	+20.7	1,134,132R	944,511	+20.1	123,114	104,448	+17.9	1,138,492R	966,620	+17.8
Total Exports	1,741	1,407	+23.7	17,731R	14,038	+26.3						
Total Domestic	120,168	99,566	+20.7	1,116,401R	930,473	+20.1						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,055	6,957	+1.4	61,044R	57,281	+6.6	7,655	5,972	+28.2	71,350R	56,619	+26.0
Molding Compounds	5,722	4,580	+24.9	56,818	37,782	+50.4	6,706	5,651	+18.7	60,265	39,854	+51.2
Bonding & Adhesive Resins for:	92,767	74,845	+23.9	857,691R	713,658	+20.2	93,718	75,657	+23.9	864,330R	724,610	+19.3
Laminating	3,877	2,308	+68.0	34,165R	23,409	+45.9	3,808	2,289	+66.4	34,031R	23,969	+42.0
Plywood	5,533	5,051	+9.5	53,066R	55,051	-3.6	5,700	5,093	+11.9	53,465R	55,966	-4.5
Fibrous & Granulated Wood (Particle Board)	83,357	67,486	+23.5	770,460R	635,198	+21.3	84,210	68,275	+23.3	776,834R	644,675	+20.5
Protective Coatings *(Straight & Modified)*	6,549	5,596	+17.0	64,028R	54,778	+16.9	7,819	7,292	+7.2	73,887R	65,528	+12.8
All Other Uses *(Includes Textile Treating & Coating Resins)*	8,075	7,588	+6.4	76,820R	66,974	+14.7	7,216	9,876	-26.9	68,660R	80,009	-14.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	237,675	194,918	+21.9	2,107,898R	1,713,301	+23.0	237,044	193,865	+22.3	2,071,607R	1,668,226	+24.2
Total Exports	930	1,011	-8.0	13,920R	13,251	+5.0						
Total Domestic	236,745	193,907	+22.1	2,093,978R	1,700,050	+23.2						
Molding Compounds	22,101	16,495	+34.0	193,921R	158,342	+22.5	22,171	18,186	+21.9	217,659R	167,751	+29.8
Bonding & Adhesive Resins for:	210,460	174,024	+20.9	1,859,307R	1,508,204	+23.3	210,854	171,985	+22.6	1,813,413R	1,464,921	+23.8
Laminating	15,570	12,059	+29.1	139,254R	107,239	+29.9	15,536	10,717	+45.0	119,769R	93,459	+28.2
Coated & Bonded Abrasives	2,357	2,161	+9.1	22,839R	22,005	+3.8	2,102	1,975	+6.4	22,041R	21,341	+3.3
Friction Materials	3,208	2,197	+46.0	26,607R	22,577	+17.9	3,116	2,182	+42.8	26,146R	22,284	+17.3
Insulation Materials	38,605	38,622	0.0	292,533R	284,893	+2.7	38,334	37,292	+2.8	278,859R	269,804	+3.4
Foundry & Shell Molding	5,923	4,324	+37.0	51,616R	47,657	+8.3	6,099	4,295	+42.0	53,409R	48,791	+9.5
Plywood	119,137	94,767	+25.7	1,101,030R	839,688	+31.1	120,102	95,475	+25.8	1,086,067R	824,921	+31.7
Fibrous & Granulated Wood	16,912	12,756	+32.6	154,388R	121,115	+27.5	16,973	12,725	+33.4	151,085R	116,091	+30.1
Resins Sold to Rubber Industry	2,297	2,298	0.0	22,007R	18,971	+16.0	2,271	2,558	-11.2	24,609R	20,157	+22.1
All Other	6,451	4,840	+33.3	49,033R	44,059	+11.3	6,321	4,766	+32.6	51,428R	48,073	+7.0
Protective Coatings – Unmodified & Modified	1,468	1,369	+7.2	15,565R	15,295	+1.8	1,316	1,733	-24.1	15,681R	16,399	-4.4
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,716	2,019	+34.5	25,185	18,209	+38.3	2,703	1,961	+37.8	24,854	19,155	+29.8

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses Includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	655,159	618,736	+5.9	6,605,505	6,333,154	+4.3	726,653	617,627	+17.7	6,704,620	6,213,565	+7.9
Exports, Total	81,145	84,062	-3.5	750,188	997,226	-24.8						
Domestic, Total	574,014	534,674	+7.4	5,855,317	5,335,928	+9.7						
Film *(12 Mils & Below)*	371,814	342,784	+8.5	3,838,018	3,415,370	+12.4						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	42,205	39,265	+7.5	516,868	410,483	+25.9						
Wire & Cable	26,886	20,466	+31.4	236,298	236,853	-0.2						
Extrusion Coating	49,161	42,973	+14.4	471,611	442,654	+6.5						
Blow Molding	2,931	3,296	-11.1	35,750	35,345	+1.1						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,351	3,090	+170.3	73,151	37,103	+97.2						
All Other Uses	72,666	82,800	-12.2	683,621	758,120	-9.8						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	479,910	407,569	+17.7	4,759,918	4,078,816	+16.7	538,733	417,299	+29.1	4,766,543R	4,092,998	+16.5
Exports, Total	94,546	43,431	+117.7	864,612	516,071	+67.5						
Domestic, Total	385,364	364,138	+5.8	3,895,306	3,562,745	+9.3						
Film *(12 Mils & Below)*	24,254	26,148	-7.2	287,770	227,350	+26.6						
Sheet *(Over 12 Mils)*	4,995	5,320	-6.1	61,157	52,978	+15.4						
Injection Molding	93,855	83,593	+12.3	973,122	898,831	+8.3						
Wire & Cable	10,913	8,184	+33.3	111,871	93,809	+19.3						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	156,838	141,535	+10.8	1,501,459	1,425,397	+5.3						
Pipe & Conduit, Total	43,624	30,383	+43.6	401,247	322,962	+24.2						
Corrugated Pipe & Conduit	19,397	*		181,318	*							
Non-Corrugated Pipe & Conduit	24,227	*		219,909	*							
Other Extruded Products	2,526	3,518	-28.2	33,538	33,226	+0.9						
All Other Uses	78,359	65,457	-26.1	525,162	508,192	+3.3						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

(1) = Included in All Other Uses
(2) = Included in Other Extruded Products
(3) = Included in Film

* = Comparable 1982 data not available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBIR 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	358,814	282,787	+26.9	3,677,465R	3,019,215	+21.8	415,124	291,704	+42.3	3,666,921	2,872,168	+27.7
Exports, Total	50,710	50,323	+0.8	665,726	563,035	+18.2						
Domestic, Total	308,104	232,464	+32.5	3,011,739R	2,456,180	+22.6						
Injection Molding	102,528	89,966	+14.0	1,012,269R	915,945	+10.5						
Appliances	9,309	6,902	+34.9	79,212	61,875	+28.0						
Consumer Products	21,186	21,229	-0.2	250,874R	234,677	+6.9						
Rigid Packaging	25,484	25,887	-1.6	294,488R	243,185	+21.1						
Transportation	26,938	20,471	+31.6	234,377R	192,778	+21.6						
All Other Injection Molding	19,611	15,477	+26.7	153,318R	183,430	-16.4						
Blow Molding	8,776	5,051	+73.7	73,112	56,499	+29.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	32,021	22,386	+43.0	307,941	249,136	+23.6						
Sheet *(Over 10 Mils)*	2,782	1,750	+59.0	25,954	15,729	+65.0						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	110,082	72,235	+52.4	995,802R	740,818	+34.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,495	6,162	+5.4	85,648	81,409	+5.2						
Resellers & Compounders	29,752	*		360,041	*							
All Other Uses	15,668	34,914	n.c.	150,972R	396,644	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Ext. Coating, Wire & Cable, Pipe & Conduit

D = Disclosure
R = Revision
* = Comparable 1982 data not available
n.c. = Not comparable

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,107	6,949	+16.7	75,835	70,011	+8.3	8,629	7,763	+11.2	81,803	79,209	+3.3
Total Exports	900	525	+71.4	8,767	8,397	+4.4						
Total Domestic	7,207	6,424	+12.2	67,068	61,614	+8.9						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	115,198	68,914	+67.2	1,026,523R	737,519	+39.2	121,023	69,072	+75.2	988,061 R	747,183	+32.2
Export, Total	12,650	4,458	+183.8	107,574R	60,548	+77.7						
Domestic, Total	102,548	64,456	+59.1	918,949R	676,971	+35.7						
Molding & Extrusion	97,850	*		868,111R	*							
Coatings	4,698	*		50,838	*							
POLYSTYRENE RESINS, TOTAL	294,975	248,966	+18.5	3,001,434	2,694,534	+11.4	327,172	288,300	+13.5	2,932,505	2,713,836	+8.1
Straight Polystyrene	155,779	136,222	+14.4	1,554,392	1,393,195	+11.6	163,431	147,034	+11.2	1,504,679	1,408,966	+6.8
Rubber-Modified Polystyrene	139,196	112,744	+23.5	1,447,042	1,301,339	+11.2	163,741	141,266	+15.9	1,427,826	1,304,870	+9.4
Exports, Total	5,620	6,340	-11.4	66,167	82,832	-20.1						
Straight Polystyrene	2,255	2,910	-22.5	32,591	42,308	-23.0						
Rubber-Modified Polystyrene	3,365	3,430	-1.9	33,576	40,524	-17.1						
Domestic, Total	289,355	242,626	+19.3	2,935,267	2,611,702	+12.4						
Molding	126,209	105,556	+19.6	1,263,641	1,153,220	+9.6						
Extrusion	101,684	77,078	+31.9	1,018,146	894,157	+13.9						
Expandable Polystyrene Beads	37,434	37,039	+1.1	369,249	359,273	+2.8						
All Other Uses	24,028	22,953	+4.7	284,231	205,052	+38.6						
Polystyrene End uses, Total **	289,355	242,626	+19.3	2,935,267	2,611,702	+12.4						
Packaging	70,410	81,946	-14.1	734,550	875,312	-16.1						
Disposables	43,745	*		413,739	*							
Consumer and Institutional Products	39,588	42,389	-6.6	443,532	537,493	-17.5						
Electrical/Electronics	26,168	21,287	+22.9	240,536	237,558	+1.3						
Furniture, Furnishings, Building and Construction	15,113	15,475	-2.3	134,107	150,519	-10.9						
Expandable Polystyrene Beads	37,434	37,039	+1.1	369,249	359,273	+2.8						
All Other End Uses	56,897	44,490	+27.9	599,554	451,547	+32.8						

D = Disclosure
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(3) = Includes ABS

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** = Portions of the End Use Section are Estimated.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	63,010	42,896	+46.9	585,778R	418,224	+40.1	63,592	44,607	+42.6	585,611R	424,755	+37.9
Paper Treating	2,488	2,808	-11.4	23,843	21,186	+12.5						
Textile Treating	1,426	1,050	+35.8	16,657	11,051	+50.7						
Carpet Backing	27,206	17,458	+55.8	251,121	166,938	+50.4						
All Other Uses (Including Exports & Paper Coating)	31,890	21,580	+47.8	294,157R	219,049	+34.3						
NYLON RESINS, TOTAL	31,595	18,619	+69.7	268,614	212,754	+26.3	32,009	17,555	+82.3	259,435	198,877	+30.4
Total Exports	2,578	920	+180.2	20,164	14,991	+34.5						
Total Domestic	29,017	17,699	+63.9	248,450	197,763	+25.6						
Injection Molding Grade	19,091	10,700	+78.4	159,300	119,726	+33.1						
Extrusion Grade	7,727	5,635	+37.1	71,061	60,622	+17.2						
Resellers and Compounders	1,416	1,017	+39.2	12,953	13,196	-1.8						
All Other Uses	783	347	+125.6	5,136	4,219	+21.7						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

OCTOBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	467,832	426,556	+9.7	5,205,483	4,616,606	+12.8	537,734	463,702	+16.0	5,192,421	4,504,294	+15.3
Homopolymer Resins including Blending and Latex	408,797	375,548	+8.9	4,644,191	4,082,173	+13.8	477,469	405,494	+17.7	4,648,991	3,988,477	+16.6
Copolymer Resins including Blending and Latex	24,760	23,063	+7.4	234,645	246,885	-5.0	25,429	25,461	-0.1	227,123	236,596	-4.0
Dispersion Resins	34,275	27,945	+22.7	326,647	287,548	+13.6	34,836	32,747	+6.4	316,307	279,221	+13.3
Total Exports	43,366	40,776	+6.4	441,680	482,609	-8.5						
Total Domestic	424,466	385,780	+10.0	4,763,803	4,133,997	+15.2						
Calendering, Total	54,927	48,377	+13.5	583,670	506,647	+15.2						
Flooring	12,740	13,126	-2.9	130,292	126,301	+3.2						
Textile	8,878	5,670	+56.6	89,848	51,374	+74.9						
All Other Calendering Uses	33,309	29,581	+12.6	363,530	328,972	+10.5						
Coating, Total	33,327	23,510	+41.8	297,139	224,344	+32.4						
Flooring	13,988	10,808	+29.4	122,138	82,001	+48.9						
Textile & Paper Coating	10,380	5,916	+75.5	97,436	73,246	+33.0						
Protective Coatings	3,997	3,206	+24.7	37,622	32,853	+14.5						
Adhesives & All Other Coating Uses	4,962	3,580	+38.6	39,943	36,244	+10.2						
Extrusion, Total	256,668	244,974	+4.8	2,993,324	2,660,405	+12.5						
Wire & Cable	26,355	26,828	-1.8	288,089	274,544	+4.9						
Film & Sheet	26,324	23,051	+14.2	257,796	261,279	-1.3						
Rigid Pipe & Tubing *(Except Fittings)*	159,706	158,962	+0.5	1,969,203	1,723,635	+14.2						
All Other Extrusions	44,283	36,133	+22.6	478,236	400,947	+19.3						
Molding, Total	37,153	30,000	+23.8	352,089	292,647	+20.3						
Bottles	16,082	7,178	+124.0	131,035	84,242	+55.5						
Sound Records	7,304	10,902	-33.0	66,854	86,709	-22.9						
Fittings *(Rigid Pipe & Tubing)*	7,575	8,201	-7.6	89,136	82,275	+8.3						
All Other Molding	6,192	3,719	+66.5	65,064	39,421	+65.0						
Paste Processes *(Except Coating)*	12,613	12,861	-1.9	135,517	144,452	-6.2						
Plastisol Formulation	7,781	5,952	+30.7	79,884	69,543	+14.9						
All Other	4,832	6,909	-30.1	55,633	74,909	-25.7						
Resellers & Compounders	10,257	9,387	+9.3	162,777	120,502	+35.1						
All Other Uses	19,521	16,671	+17.1	239,287	185,000	+29.3						

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	OCTOBER			YEAR-TO-DATE			OCTOBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,542	46,979	+24.6	578,766	481,730	+20.1						
Total Exports	408	607	-32.8	5,171	5,122	+1.0						
Total Domestic	58,134	46,372	+25.4	573,595	476,608	+20.3						
Emulsion Paints	17,212	13,572	+26.8	181,284	139,303	+30.1						
Adhesives, Caulks and Sealants	23,787	19,970	+19.1	228,266	198,662	+14.9						
Paper Treating & Paper Coating	10,541	7,696	+37.0	96,862	78,872	+22.8						
Textile Treating	1,998	1,065	+87.6	18,605	15,356	+21.2						
Non-Woven Binders	2,411	2,234	+7.9	25,933	21,987	+17.9						
All Other Uses	2,185	1,835	+19.1	22,645	22,428	+1.0						
POLYVINYL ALCOHOL, TOTAL #	11,635	D		112,692	D		10,583	D		108,695	D	
Total Exports	2,306	D		19,245	D							
Total Domestic	9,329	D		93,447	D							
OTHER VINYL RESINS*, TOTAL	17,102	14,561	+17.5	146,124R	142,690	+2.4	15,726	15,766	-0.3	151,986R	152,734	-0.5
Total Exports	4,461	3,321	+34.3	33,181R	31,433	+5.6						
Total Domestic	12,641	11,240	+12.5	112,943R	111,257	+1.5						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	72,392	50,114	+44.5	644,112R	517,671	+24.4	73,464	51,416	+42.9	633,187R	539,629	+17.3
Total Exports	8,631	5,184	+66.5	76,672R	38,819	+97.5						
Total Domestic	63,761	44,930	+41.9	567,440R	478,852	+18.5						
PET Bottle Grades	43,876	34,568	+26.9	418,666R	379,223	+10.4						
All Other Thermoplastic Polyester**	19,885	10,362	+91.9	148,774	99,629	+49.3						

** Includes All Other PET and All Injection Molding Grades.

\# = Includes imputed data
R = Revision
D = Disclosure

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.